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5. A medical device according to claim 4 wherein the thermoplastic adhesive is a thermoplastic fluoropolymer.

6. A medical device according to claim 1 wherein the porous expanded polytetrafluoroethylene comprises multiple layers.

7. A medical device according to claim 1 wherein the balloon is an inelastic balloon.

8. A medical device according to claim 1 wherein balloon comprises a portion of a balloon catheter.

9. A medical device according to claim 1 wherein the non-porous coating is a continuous coating.

Please add the following new claims:

10. A medical device comprising a tube having a node and fibril microstructure, the tube being non-porous and configured as an inflatable balloon

11. A medical device according to claim 10 wherein the tube includes a non-porous coating.

12. A medical device according to claim 11 wherein the non-porous coating comprises fluorinated ethylene propylene.

13. A medical device according to claim 11 wherein the non-porous coating comprises an adhesive.

14. A medical device according to claim 13 wherein the adhesive comprises a thermoplastic adhesive.

15. A medical device according to claim 14 wherein the thermoplastic adhesive is a thermoplastic fluoropolymer.

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16. A medical device according to claim 10 wherein the tube comprises porous expanded polytetrafluoroethylene.
17. A medical device according to claim 16 wherein the tube comprises multiple layers of porous expanded polytetrafluoroethylene.
18. A medical device according to claim 10 wherein the balloon is an inelastic balloon.
19. A medical device according to claim 10 wherein the balloon comprises a portion of a balloon catheter.
20. A medical device according to claim 10 wherein the non-porous coating is a continuous coating.
21. A medical device comprising an inflatable balloon formed from porous expanded polytetrafluoroethylene.
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22. A medical device according to claim 21 wherein the balloon includes a non-porous coating comprising fluorinated ethylene propylene.
23. A medical device according to claim 21 wherein the balloon includes a non-porous coating comprising an adhesive.
24. A medical device according to claim 23 wherein the adhesive comprises a thermoplastic adhesive.
25. A medical device according to claim 24 wherein the thermoplastic adhesive is a thermoplastic fluoropolymer.
26. A medical device according to claim 21 wherein the balloon comprises multiple layers of porous expanded polytetrafluoroethylene.
27. A medical device according to claim 21 wherein the balloon is an inelastic balloon.